

IN THE CLAIMS:

Claims 1 - 6. (Canceled)

Claim 7. (Currently amended) A-kit Apparatus for producing ~~models~~ a model of an elementary particles particle, comprising:

a representation of a ground state sphere of unit scale, and
a plurality of representations of beams each of which is configured to be inserted in said sphere according to the root space vectors of the $SO(3) \times O(5)$ Lie algebra coset decomposition of $SU(3)$.

Claim 8 (Currently amended) Apparatus A-kit according to claim 7 ~~further comprising wherein said representation of a ground state sphere comprises a pliable membrane covering said sphere.~~

Claim 9 (Currently amended) Apparatus A-kit according to claim 8 wherein said representation of a ground state sphere and said representations of ~~[[.]] beams[[.]] and membrane~~ are graphic representations.

Claim 10 (Curently amended) Apparatus A-kit according to claim 8 wherein said representation of a ground state sphere and said representations of ~~[[.]] beams[[.]] and membrane~~ are holographic representations.

Claim 11. (Curently amended) A method for constructing a model of the structures and properties of elementary particles in a physical or figurative medium from within, comprising:

providing a representation of a ground state sphere of unit scale,
providing a plurality representations of beams each of which is configured to be inserted in said representation of a sphere according to the root space vectors of the $SO(3) \times O(5)$ Lie algebra coset decomposition of $SU(3)$, and
inserting one or more of said representations of said beams into said representation of a ground state sphere of unit scale according to the root space vectors of the $SO(3) \times O(5)$ Lie Algebra coset decomposition.

Claim 12. (Curently amended) The method of claim 11 where the transformations are retrieved and performed in any Cartesian space segment of said ~~spherical encasement~~ representation of a ground state sphere according to specified angle and length lattice chain recombination of said representations of

said beams leading to coordinate settling of the incident spheroidal surface transformation rendering.

Claim 13. (Curently amended) The method of claim 11 wherein the figurative medium is a computer animation.

Claim 14. (Curently amended) The method of claim 11 wherein the figurative medium is ~~holography~~ holographic.